



BEKOlut® QuEChERS Kits

bekolut

FEEL FREE TO USE QUALITY!

BEKOlut® QuEChERS Kits

The QuEChERS method has now become an important tool for these laboratories dealing with the multi-residue analysis of pesticides and other organic contaminants in fruits and vegetables. BEKOlut® offers ready-to-use extraction kits and dispersive QuEChERS sorbents, thus facilitating daily lab work. First, the homogenized samples are extracted using acetonitrile and salt solution. Then, the supernatant is further cleaned-up using a dispersive SPE technique.

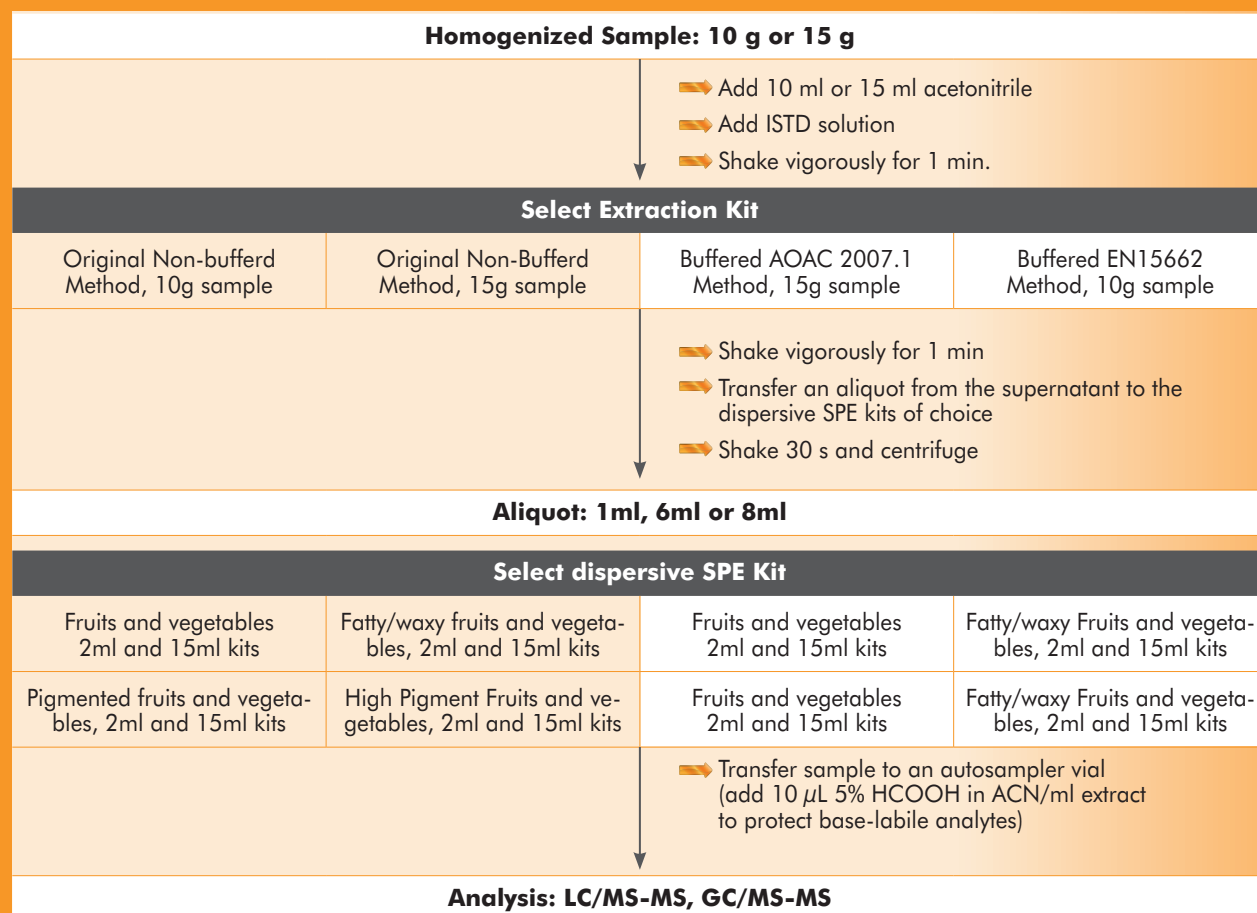
We also offer **buffered** as well as **non-buffered** extraction kits, prefilled in “easy-to-use” tubes which offer significant advantages compared to plastic bags / sealed packets. Our dispersive SPE kits, available in 2 ml and 15 ml centrifuge tubes, contain PSA (primary secondary amine) sorbent to remove sugars and fatty acids and magnesium sulfate for the removal of water. These tubes are also available with or without GCB to remove pigments from colored extracts and/or C18 to remove remaining lipids.

Moreover, for the determination of **acrylamide** in foodstuff, a reliable QuEChERS kit is also available.

Upon request, we also configure tailor-made extraction and dispersive SPE kits, that specifically meet sample matrix requirements.

Several QuEChERS methods have been published. Use buffered methods when analyzing pH-sensitive pesticides. Our kits correspond to the original unbuffered, AOAC and European QuEChERS methods requirements.

Please find more information on our website www.bekolut.com.








BEKOlut[®] extraction salts:

are prefilled in "easy-to-open" and "easy-to-handle" sample tubes and offer significant advantages compared to plastic bags / sealed packets.

Kit	Content	Unit	Part Number without 50ml tubes	Part Number with 50ml tubes
SALT-Kit-AC	4 g MgSO ₄ ; 1 g NaCl	50 pcs/pk	SK-AC-050	SK-AC
Citrat-Kit-01	4 g MgSO ₄ ; 1 g NaCl; 1 g NaCitrate; 0.5 g disodium citrate sesquihydrate	50 pcs/pk	CK-01-050	CK-01
SALT-Kit-AC2	6 g MgSO ₄ ; 1.5 g NaAcetate	50 pcs/pk	SK-AC2-050	SK-AC2
SALT-Kit-AC3	6 g MgSO ₄ ; 1.5 g NaCl	50 pcs/pk	SK-AC3-050	SK-AC3

BEKOlut[®] dispersive SPE-Kits:

the most competitive prefilled 2ml and 15ml centrifuge tubes.

Kit		Centrifuge tube volume	Content/pk.	Method EN 15662/part nr.	Method AOAC 2007/ part nr.
	Samples with low fat levels	2ml	100 pcs/pk	PSA-Kit-01 25 mg PSA 150 mg MgSO ₄	PSA-Kit-01A 50 mg PSA 150 mg MgSO ₄
		15ml	50 pcs/pk	PSA-Kit-02 150 mg PSA 900 mg MgSO ₄	PSA-Kit-02A 400 mg PSA 1200 mg MgSO ₄
	Fatty samples	2ml	100 pcs/pk	PSA-Kit-03 25 mg PSA 25 mg C18 150 mg MgSO ₄	PSA-Kit-03A 50 mg PSA 50 mg C18e 150 mg MgSO ₄
		15ml	50 pcs/pk	PSA-Kit-04 150 mg PSA 150 mg C18 900 mg MgSO ₄	PSA-Kit-04A 400 mg PSA 400 mg C18e 1200 mg MgSO ₄
	Samples with less intensely colored extracts or low carotinoid or chlorophyll levels	2ml	100 pcs/pk	PSA-Kit-05 25 mg PSA 2.5 mg GCB 150 mg MgSO ₄	PSA-Kit-05A 50 mg PSA 50 mg GCB 150 mg MgSO ₄
		15ml	50 pcs/pk	PSA-Kit-06 150 mg PSA 15 mg GCB 900 mg MgSO ₄	PSA-Kit-06A 400 mg PSA 400 mg GCB 1200 mg MgSO ₄
	Samples with intensely colored extracts, such as spinach and paprika	2ml	100 pcs/pk	PSA-Kit-07 25 mg PSA 7.5 mg GCB 150 mg MgSO ₄	
		15ml	50 pcs/pk	PSA-Kit-08 150 mg PSA 15 mg GCB 900 mg MgSO ₄	
	Acrylamide-Kit	15ml	50 pcs/pk	PSA-Kit-AC	Application on request

Other Kits on request.